

High-Tech for the Wooden Office Block

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It is a sleek, curved building, five storeys high, and built entirely of wood. Its striking exterior is supplemented by its truly modern interior and its state-of-the-art cabling solutions, all connected with R&M products.

When Finnforest – one of Finland's leading suppliers of wood for the construction industry – set out to build its new headquarters in the Tapiola area in the major Finnish town of Espoo, it decided to showcase the possibilities offered by wood as a building material.

The outcome is a stunning and intriguing 8000 square metre building and a truly modern place to work, with its extensive networking solution brought about entirely by the use of products from R&M.

Finnforest is part of the Metsäliitto industry group which employs over 30,000 people in 30 countries. Finnforest is the second largest producer of sawn timber in Europe, including eleven sawmills in Finland and neighboring countries.

While the Tapiola office building is a leading example of the building options offered by modern wood construction products, it is also a pilot model in the efforts of the Confederation of Finnish Construction Industries to include eco-efficiency and life-cycle management in the construction of new buildings.

Design, durability, sustainability

With such a devotion to design, durability and sustainability it makes good sense that R&M was chosen to supply all data connectors and plug fittings for the entire Finnforest building. In total, 720 outlets across the building fitted both in wall panels and ceiling space create a flexible and secure data networking environment.

"The installation and implementation of the R&M networking elements went exceptionally smoothly. It went well in every way even if this is a somewhat unusual building," explained Juha Rinkari, who is a manager at local systems integrator



An intriguing wooden sculptural design – the head office of Finnforest.

Amplit Oy which was responsible for the installation.

The main difference in the network installation compared to other buildings is the fact that the Finnforest building is entirely built in wood – even the window sills and panels in which the R&M plugs are fitted.

Perfect quality

Nevertheless, R&M's quality products fitted perfectly well into the wood construction and the installation project was completed in the normal amount of time.

"The building serves a visual confirmation of Finnforest's role as a provider of wood for construction purposes. There is a clear identity to the building and the quality, reliability and neatness of the R&M networking fittings supplement the entire building's ideology very well," said Juha Rinkari.

Facts and Figures

- Cat. 6 UTP connectors, 7700 pcs
- Cat. 6 UTP Patch Cords 1m, 1550 pcs
- CP Cable Cat. 6 U/UTP LSZH 7,5m, 600 pcs
- Diverse faceplates 45mm X 45mm, 2x1 port
- Min Surface Box, 2X1 Port, 50 pcs

The Finnforest building was inaugurated in November 2005. The installation of R&M products was carried out by local systems integrator Amplit Oy in cooperation with Melart-Data, R&M distributor in the Finnish market.

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for Finnforest

Reliability

- 2, 5 and 20 years warranty on R&M parts in the installation
- R&M certification of installers

